

ABSTRACT OF THE DISCLOSURE

A transparent substrate used for an area light emitting device. The transparent substrate comprises a light incidence surface and a light exit surface opposite to the light incidence surface. A plurality of recesses are formed on the light exit surface bulged towards the light incidence surface. Each recess has a shape approximately corresponding to a portion of an oval sphere. Each recess perimeter on the light exit surface is approximately circle. Each recess is separately formed from other recesses.